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(i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING PATENT APPLICATION US/08/467,605

DATE: 12/18/96 TIME: 11:47:04

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This Raw Listing contains the General Information Section and up to the first 5 pages.

1		SEQUENCE LISTING
2		
3 4	(1) G	eneral Information:
5 6	(i)	APPLICANT: Pietropaolo, Massimo and Eisenbarth, George S.
7	(ii)	TITLE OF INVENTION: Antigen Associated with Type I Diabetes Mellitus
9	(iii)	NUMBER OF SEQUENCES: 2
11 12 13 14 15	(iv)	CORRESPONDENCE ADDRESS: (A) ADDRESSEE: LAHIVE & COCKFIELD (B) STREET: 60 State Street, suite 510 (C) CITY: Boston (D) STATE: Massachusetts
16 17 18		(E) COUNTRY: USA (F) ZIP: 02109-1875
19 20 21 22 23 24	(v)	COMPUTER READABLE FORM: (A) MEDIUM TYPE: Floppy disk (B) COMPUTER: IBM PC compatible (C) OPERATING SYSTEM: PC-DOS/MS-DOS (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
25 26 27 28 29	(vi)	CURRENT APPLICATION DATA: (A) APPLICATION NUMBER: 08/467,605 (B) FILING DATE: 06 June 1995 (C) CLASSIFICATION:
30 31 32 33		PRIOR APPLICATION DATA: (A) APPLICATION NUMBER: 07/788,118 (B) FILING DATE: 01 November 1991
34 35 36 37 38	(viii)	ATTORNEY/AGENT INFORMATION: (A) NAME: Silveri, Jean M. (B) REGISTRATION NUMBER: 39,030 (C) REFERENCE/DOCKET NUMBER: IMI-001CPDV
39 40 41 42	(ix)	TELECOMMUNICATION INFORMATION: (A) TELEPHONE: (617)227-7400 (B) TELEFAX: (617)227-5941
43 44 45	(2) INFO	RMATION FOR SEQ ID NO:1:

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88	CAA	CAG	AGG	ATA	TGT	TTC	TTG	TCT	CAA	GAA	GAA	AAC	GAA	CTG	GGA	AAA	466
89	Gln	Gln	Arg	Ile	Cys	Phe	Leu	Ser	Gln	Glu	Glu	Asn	Glu	Leu	Gly	Lys	
90			_		85					90					95		
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/467,605

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128 -129 130 131			GAG Glu														946
132 133 134 135			TAT Tyr														994
136 137 138 139			AAA Lys 275														1042
140 141 142 143			AGT Ser														1090
144 145 146 147			GAA Glu														1138
148 149 150 151			AAA Lys														1186
152	GCA	TGC	TCA	GGA	CCC	ATA	GAT	GAA	CTA	TTA	GAC	ATG	AAA	TCT	GAG	GAA	1234

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155																	
156	GGT	GCT	TGC	CTG	GGA	CCA	GTG	GCA	GGG	ACC	CCG	GAA	CCT	GAA	GGT	GCT	1282
157	Gly	Ala	Cys	Leu	Gly	Pro	Val	Ala	Gly	Thr	Pro	Glu	Pro	Glu	Gly	Ala	
158	_		355		_			360	_				365				
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160	GAC	AAA	GAT	GAC	CTG	CTG	CTG	TTG	AGT	GAG	ATC	TTC	AAT	GCT	TCC	TCC	1330
161	Asp	Lys	Asp	Asp	Leu	Leu	Leu	Leu	Ser	Glu	Ile	Phe	Asn	Ala	Ser	Ser	
162	_	370	_	_			375					380					
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164	TTG	GAA	GAG	GGC	GAG	TTC	AGC	AAA	GAG	TGG	GCC	GCT	GTG	TTT	GGA	GAC	1378
165	Leu	Glu	Glu	Gly	Glu	Phe	Ser	Lys	Glu	Trp	Ala	Ala	Val	Phe	Gly	Asp	
166	385					390					395					40.0	
167																	
168						CCA											1426
169	Gly	Gln	Val	Lys	Glu	Pro	Val	Pro	Thr	Met	Ala	Leu	Gly	Glu	Pro	Asp	
170					405					410					415		
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172						GGC											1474
173	Pro	Lys	Ala	Gln	Thr	Gly	Ser	Gly	Phe	Leu	Pro	Ser	Gln	Leu	Leu	Asp	
174				420					425					430			
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176						TTA											1522
177	Gln	Asn		Lys	Asp	Leu	Gln		Ser	Leu	Gln	Glu		Ala	Lys	Ala	
178			435					440					445				
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